









sage X3 Integration Services

Greytrix - Rockstar ISV partner for Sage X3 has expertise in integrations between platform, applications and delivery methodology. The following list contains a sampling of the integrations done for internal product development and/ or helping other partners and third part ISV providers to integrate with Sage X3 platform on a contract basis.

Do connect with integration services team to understand how we can help you developing a new integration with existing vertical or horizontal software products or develop new apps integrated and build up on Sage X3 platform or to upgrade on latest technologies and provide you support services for existing add-ons and integration at x3@greytrix.com. It costs you nothing to get an opinion from the experts in Sage X3 integration technologies!

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CRM - sage X3 Integration *



REQUIREMENT

CRM assists sales representatives to get comprehensive details of customers instantly. It helps your organization to manage and analyze customer interactions and data throughout the customer life cycle. Hence, it is important to sync CRM with Sage X3 to carry out tasks, such as

- Real time, bi-directional data exchange
- Real time view of Sage X3 Transactions in CRM
- Promote Masters and Transactions from CRM to Sage X3
- Import data from Sage X3 to CRM



SOLUTION

CRM application integration with Sage X3 involves integration of below listed entities.

CRM Entities	- Sage X3 Modules
Customer/Accounts	- Business Partner
Products	- Products
Salesperson	- Salesperson
Addresses	- Addresses
Persons/Contacts	- Contacts



TECHNOLOGY

Technology used for creating integration is dependent on technology used by CRM API framework. Greytrix has developed the integration using below technology













POS - sage X3 Integration **



REQUIREMENT

A Point Of Sale (POS) is the place where a customer completes the transaction, such as a checkout counter.

All the sales transactions carried out at POS, include Sales Invoice / Receipt / Return. The POS allows you to

- Display the Quantity / Status of a product to ensure the Sale is carried out. Any promotional offers / discounts /
- prices are fetched directly from Sage X3 when transaction is carried out.

Hence, it is important to sync these POS services with Sage X3, so that transactions are fed in Sage X3 while the analytical data is read from Sage X3.



SOLUTION

POS system integration with Sage X3 is a bi-directional sync process. It syncs Masters from Sage X3 to POS system which include: -

- Customers
- Products
- Payment Terms
- Taxes
- Locations
- Sites
- Customer / Product Category
- Price Structures

Transactions carried in POS are integrated with Sage X3 such as:

- Sales Order
- Sales Invoice
- Sales Return
- Sales Credit Note
- Adjustment Entries
- AR Receipt / Refund



TECHNOLOGY

Technology used for creating integration is dependent on technology used by POS. Greytrix has developed integration using below technology







Using Classes & Representation (V11 Technology)

Webservices



WMS - sage X3 Integration **



REQUIREMENT

WMS is an essential part of Supply Chain Management system. Hence, it is important to sync WMS with Sage X3 to carry out tasks:

- Receiving
- Inspection & acceptance
- Put-away
- Internal replenishment
- Picking
- Packing
- Order assembly on the shipping dock
- Documentation
- Shipping

Carry out process such as:

- Directing and validation
- Capturing
- Recording inventory movement



SOLUTION

WMS - Sage X3 integration involves integration of all stock related entries within Sage X3. The solution syncs Sage X3 Masters and Transactions to WMS. Sage X3 Masters integrated with WMS are:

- Products | Product Category | Location | Price
- Transactions which do not affect the stocks, are created in Sage X3 and integrated with WMS are:

- Sales | Purchase | Work Order

Transactions which affect the stock valuation entered in WMS and integrated with Sage X3 are:

- Shipment | Shipment Return
- Purchase Receipt | Purchase Return
- Stock Receipt | Stock Issue | Stock Transfer
- Adjustment entry
- Reorder entry



TECHNOLOGY

Technology used for creating integration is dependent on technology used by WMS API framework. Greytrix has developed the integration using below technology



Using Classes & Representation (V11 Technology)



EDI - sage X3 Integration **



REQUIREMENT

EDI is a process of rapid document transfer between businesses, in bulk, and without the need of an employee to type an email or attach document. Hence, it is important to sync EDI with Sage X3. Companies that exchange vast amounts of documents on a daily basis include:

- Purchase orders
- Invoices
- Advance ship notices
- Inventory documents
- Shipping statuses

It is a highly automated, efficient and easy-to-use solution that is ideal for manufacturers, distributors and retailers.



SOLUTION

Greytrix supports sales order processing in Sage X3, i.e. integrating documents such as

- Sales orders
- Invoices
- Purchase-order acknowledgements
- Deliveries

In addition, outbound invoice integration supports

- Outbound debits / credits
- Consolidated invoices



TECHNOLOGY

Integration is built and developed using Sage's Web Services. Greytrix has developed the integration using below technology



Using Classes & Representation (V11 Technology)



eCommerce - X3 Integration *



REQUIREMENT

Ecommerce industries experience challenges in managing fluctuating inventory levels, customer based pricing, ease of payment, order processing, supply chain and manual data entry while aligning X3 and eCommerce platform. Hence, it is crucial to sync the two systems and capitalize on the advantages of integrated eCommerce and Sage X3 systems.

- Real-time inventory updating from Sage X3 to eCommerce
- Different tiered pricing for various B2B and B2C customers
- Reduces shipping time with faster order processing
- Eliminates redundant data entry tasks from eCommerce to Sage X3



SOLUTION

Ecommerce integration with Sage X3 involves integration of below listed entities.

eCommerce Entities	- Sage X3 Modules
Customer	- Customer
Products Catalogue	- Products Catalogue
Orders	- Orders
Payments	- Payments

The integration also offers –

- Multi-Store / Company Integration
- Bi-directional Data Integration
- Automated Data Synchronization
- B2B and B2C eCommerce
- Customer Specific Pricing
- Salespeople Management
- Tracking Order Status and Payments



TECHNOLOGY

Technology used for the integration is dependent on the eCommerce and Sage X3 API Framework. Greytrix has developed the integration using

 X3 Web Services API

 eCommerce Web Services API



Payment Gateway - X3 Integration **



REQUIREMENT

A payment gateway is a merchant service provided by an eCommerce application service provider.

It authorizes credit card or direct payments processing for e-businesses and online retailers hence, it is important to sync payment gateway service with Sage X3



SOLUTION

Payment gateway – Sage X3 Integration is a bi-directional integration that performs authorization of payment through several modes:-

- Pre-authorization
- Force & Capture
- Sale

These modes use Authorize.net wherein required details of data flows from Sage Enterprise Management to payment gateway.

- Invoices with payment information in Sage X3 are integrated with payment gateway which confirms the validity of the details. The status of the payment details stating the approved / rejected status is flagged to Sage X3 to create or not allow the payment.



TECHNOLOGY

Technology used for creating integration is dependent on technology used by payment gateway framework. Greytrix has developed integration using below technology

 Java Bridge

 4GL

 Microsoft .NET

 | Webservices

Using Classes & Representation (V11 Technology)



Shipping System - sage X3 Integration

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REQUIREMENT

Shipping system is an application that helps organization compare

- Costing
- Estimated time

For delivering the packages with different service provider so they can choose the best service provider to deliver the product. Hence, it is important to sync Shipping System with Sage x3.



SOLUTION

Shipping System integration is a bi-directional integration which ensures the tracking details of the shipping is integrated with Sage X3.

- The Sales Order / Shipment / Sales Invoice are pulled from Sage X3 to Shipping Portal.
- The Data pulled is updated with the Tracking information.
- This Tracking information is pushed back to Sage X3.



TECHNOLOGY

Technology is purely dependent on Shipping system. Greytrix has developed integration using below technology



Business Intelligence - sage X3 Integration

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REQUIREMENT

Business Intelligence is the practice of using tools and technology to track business data, analyze them and make informed business decisions. To facilitate decision making from the overwhelming volume of data of your Sage X3 system, business intelligence tools are integrated with Sage X3. The advantages of integrating Business Intelligence with Sage X3 are:

- Real-time information access
- Interactive data visualization and analytical tools
- Collaboration tools
- Self-services and mobility
- Flexible Reporting Tools



SOLUTION

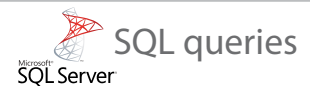
Sage X3 Business Intelligence Reporting extracts data across your Sage X3 system into a single personalized dashboard, reducing the time spent on analysis and decision making. Sage Business Intelligence traces data on every aspect of your business including:

- Budget Management & Control
- Sales
- Inventory Control
- Quality Control
- Customer Service
- Productivity



TECHNOLOGY

Technology used for the integration is dependent on the Business Objects and Sage X3 API Framework. Greytrix has developed the integration using below technology



Solutions indicated with

* are Greytrix Products

** are Third party integration solutions developed by Greytrix